

# Home Assignment

Q1 Explain the term Vapourisation and Melting Point

→ Vapourisation:

The change of liquid state to the gaseous state on heating at constant temperature by absorption of heat is called Vapourisation

Boiling point:

The temperature at which a liquid change into vapour with out further increase in

Q. Temperature is called boiling

A liquid can change into  
vapour state

a) at a fixed temperature

b) at all temperature

Name the process in volume  
in two case.

→ vapourisation and ~~ps~~ boiling

Q3 How does melting point of  
ice and wax depend on

pressure?

The melting point of a substance depends on pressure and is usually specified at a standard pressure.

Q. How does boiling point of water depend on pressure?

The boiling point corresponds to the temperature at which the vapour pressure of the liquid equals the surrounding environment pressure.

Q. Explain the process of boiling in molecular process?

The change of liquid to vapour on heating at a constant temperature is called boiling. The kinetic energy of molecules determines molecules

Q6 Why is it ~~is~~ difficult to cook at high altitude

The key factor is declining air pressure at higher altitude.